

Title (en)

Nitrile polymer compositions for magnetic seal applications

Title (de)

Nitrilpolymerzusammensetzung zur Anwendung bei magnetischen Dichtungen

Title (fr)

Compositions de polymère nitrile utilisées dans des joints d'étanchéité magnétiques

Publication

EP 1512716 A1 20050309 (EN)

Application

EP 04019114 A 20040812

Priority

CA 2438111 A 20030825

Abstract (en)

The present invention relates to a rubber compound comprising at least one hydrogenated carboxylated nitrile rubber, at least one hydrogenated nitrile rubber and at least one magnetic compound, a curable rubber compound comprising said rubber compound and at least one vulcanization agent and a magnetic shaped article comprising said rubber compound.

IPC 1-7

C08K 3/00; **C08L 13/00**; **C08L 15/00**

IPC 8 full level

C08K 3/00 (2006.01); **C08K 3/22** (2006.01); **C08K 5/14** (2006.01); **C08L 13/00** (2006.01); **C08L 15/00** (2006.01); **H01F 7/02** (2006.01); **C08K 3/08** (2006.01)

CPC (source: EP US)

C08K 3/013 (2017.12 - EP US); **C08L 13/00** (2013.01 - EP US); **C08L 15/005** (2013.01 - EP US); **C08K 3/08** (2013.01 - EP US); **C08K 3/22** (2013.01 - EP US); **C08K 2201/01** (2013.01 - EP US)

Citation (search report)

- [Y] WO 03022916 A1 20030320 - BAYER INC [CA]
- [Y] EP 0418807 A2 19910327 - GOODRICH CO B F [US]
- [DY] DE 10083914 T1 20020606 - UCHIYAMA MFG [JP]

Cited by

EP3014201A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 1512716 A1 20050309; **EP 1512716 B1 20091104**; BR PI0403468 A 20050531; CA 2438111 A1 20050225; CN 1597753 A 20050323; CN 1597753 B 20100428; DE 602004023906 D1 20091217; JP 2005068432 A 20050317; JP 5219327 B2 20130626; US 2005101717 A1 20050512

DOCDB simple family (application)

EP 04019114 A 20040812; BR PI0403468 A 20040824; CA 2438111 A 20030825; CN 200410068231 A 20040825; DE 602004023906 T 20040812; JP 2004245077 A 20040825; US 92139704 A 20040819